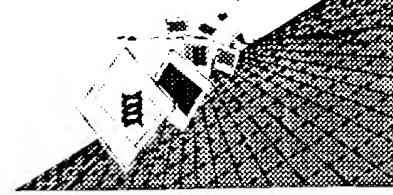


ip

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



*7/19
Linda
06/01*

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

RECEIVED

Application Serial Number: 09/435,257

Source: 1632

Date Processed by STIC: 9/26/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR FURTHER INFORMATION, PLEASE TELEPHONE MARK SPENCER,
703-308-4212.**

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§ 1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST 25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/435,257</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".	RECEIVED
2 <input type="checkbox"/> Wrapped Aminos	The amino acid number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3, as this will prevent "wrapping".	
3 <input type="checkbox"/> Incorrect Line Length	The rules require that a line not exceed 72 characters in length. This includes spaces.	
4 <input type="checkbox"/> Misaligned Amino Acid Numbering	The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and use spacing between the numbers.	
5 <input type="checkbox"/> Non-ASCII	This file was not saved in ASCII (DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text so that it can be processed.	
6 <input type="checkbox"/> Variable Length	Sequence(s) <input type="checkbox"/> contain n's or Xaa's which represented more than one residue. As per the rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the (ix) feature section that some may be missing.	
7 <input type="checkbox"/> PatentIn ver. 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequence(s) <input type="checkbox"/> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
8 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please use the following format for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS") (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: This sequence is intentionally skipped Please also adjust the "(iii) NUMBER OF SEQUENCES." response to include the skipped sequence(s).	
9 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please use the following format for each skipped sequence: <210> sequence id number <400> sequence id number 000	
10 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing Use of <220> to <223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents	
11 <input type="checkbox"/> Use of <213>Organism (NEW RULES)	Sequence(s) <input type="checkbox"/> are missing this mandatory field or its response. 1	
12 <input type="checkbox"/> Use of <220>Feature (NEW RULES)	Sequence(s) 1 are missing the <220>Feature and associated headings. Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown". Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec 1 823 of new Rules)	
13 <input type="checkbox"/> PatentIn ver. 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other means to copy file to floppy disk	

RAW SEQUENCE LISTING

JOHN DEEQUEN L ETTING

File Set A:\385.a.app
File Set N:\CRE3\09262000\1435257.14W

124 100 SEQUENCE 1
125 101 LENGTH 11
126 102 TYPE DNA
127 103 FUSION Artificial Sequence
128 104 FEATURE
129 105 OTHER INFORMATION Description of Artificial Sequence: synthetic
130 106 Nucleotide
131 107 SEQUENCE 1
132 133 Statement of claim for a biological material
133 134 SEQ ID NO 1
134 135 LENGTH 41
135 136 TYPE DNA
136 137 FUSION Artificial Sequence
137 138 FEATURE
138 139 OTHER INFORMATION Description of Artificial Sequence: synthetic
139 140 Nucleotide
140 141 SEQUENCE 1
141 142 Statement of claim for a biological material
142 143 SEQ ID NO 2
143 144 LENGTH 41
144 145 TYPE DNA
145 146 FUSION Artificial Sequence
146 147 FEATURE
147 148 OTHER INFORMATION Description of Artificial Sequence: synthetic
148 149 Nucleotide
149 150 SEQUENCE 2
150 151 LENGTH 41
151 152 TYPE DNA
152 153 FUSION Artificial Sequence
153 154 FEATURE
154 155 OTHER INFORMATION Description of Artificial Sequence: synthetic
155 156 Nucleotide
156 157 SEQUENCE 3
157 158 LENGTH 41
158 159 TYPE DNA
159 160 FUSION Artificial Sequence
160 161 FEATURE
161 162 OTHER INFORMATION Description of Artificial Sequence: synthetic
162 163 Nucleotide
163 164 SEQUENCE 4
164 165 LENGTH 41
165 166 TYPE DNA
166 167 FUSION Artificial Sequence
167 168 FEATURE
168 169 OTHER INFORMATION Description of Artificial Sequence: synthetic
169 170 Nucleotide
170 171 SEQUENCE 5
171 172 LENGTH 41
172 173 TYPE DNA
173 174 FUSION Artificial Sequence
174 175 FEATURE
175 176 OTHER INFORMATION Description of Artificial Sequence: synthetic
176 177 Nucleotide
177 178 SEQUENCE 6
178 179 LENGTH 41
179 180 TYPE DNA
180 181 FUSION Artificial Sequence
181 182 FEATURE
182 183 OTHER INFORMATION Description of Artificial Sequence: synthetic
183 184 Nucleotide
184 185 SEQUENCE 7
185 186 LENGTH 41
186 187 TYPE DNA
187 188 FUSION Artificial Sequence
188 189 FEATURE
189 190 OTHER INFORMATION Description of Artificial Sequence: synthetic
190 191 Nucleotide
191 192 SEQUENCE 8
192 193 LENGTH 41
193 194 TYPE DNA
194 195 FUSION Artificial Sequence
195 196 FEATURE
196 197 OTHER INFORMATION Description of Artificial Sequence: synthetic
197 198 Nucleotide
198 199 SEQUENCE 9
199 200 LENGTH 41
200 201 TYPE DNA
201 202 FUSION Artificial Sequence
202 203 FEATURE
203 204 OTHER INFORMATION Description of Artificial Sequence: synthetic
204 205 Nucleotide
205 206 SEQUENCE 10
206 207 LENGTH 41
207 208 TYPE DNA
208 209 FUSION Artificial Sequence
209 210 FEATURE
210 211 OTHER INFORMATION Description of Artificial Sequence: synthetic
211 212 Nucleotide
212 213 SEQUENCE 11
213 214 LENGTH 41
214 215 TYPE DNA
215 216 FUSION Artificial Sequence
216 217 FEATURE
217 218 OTHER INFORMATION Description of Artificial Sequence: synthetic
218 219 Nucleotide
219 220 SEQUENCE 12
220 221 LENGTH 41
221 222 TYPE DNA
222 223 FUSION Artificial Sequence
223 224 FEATURE
224 225 OTHER INFORMATION Description of Artificial Sequence: synthetic
225 226 Nucleotide
226 227 SEQUENCE 13
227 228 LENGTH 41
228 229 TYPE DNA
229 230 FUSION Artificial Sequence
230 231 FEATURE
231 232 OTHER INFORMATION Description of Artificial Sequence: synthetic
232 233 Nucleotide
233 234 SEQUENCE 14
234 235 LENGTH 41
235 236 TYPE DNA
236 237 FUSION Artificial Sequence
237 238 FEATURE
238 239 OTHER INFORMATION Description of Artificial Sequence: synthetic
239 240 Nucleotide
240 241 SEQUENCE 15
241 242 LENGTH 41
242 243 TYPE DNA
243 244 FUSION Artificial Sequence
244 245 FEATURE
245 246 OTHER INFORMATION Description of Artificial Sequence: synthetic
246 247 Nucleotide
247 248 SEQUENCE 16
248 249 LENGTH 41
249 250 TYPE DNA
250 251 FUSION Artificial Sequence
251 252 FEATURE
252 253 OTHER INFORMATION Description of Artificial Sequence: synthetic
253 254 Nucleotide
254 255 SEQUENCE 17
255 256 LENGTH 41
256 257 TYPE DNA
257 258 FUSION Artificial Sequence
258 259 FEATURE
259 260 OTHER INFORMATION Description of Artificial Sequence: synthetic
260 261 Nucleotide
261 262 SEQUENCE 18
262 263 LENGTH 41
263 264 TYPE DNA
264 265 FUSION Artificial Sequence
265 266 FEATURE
266 267 OTHER INFORMATION Description of Artificial Sequence: synthetic
267 268 Nucleotide
268 269 SEQUENCE 19
269 270 LENGTH 41
270 271 TYPE DNA
271 272 FUSION Artificial Sequence
272 273 FEATURE
273 274 OTHER INFORMATION Description of Artificial Sequence: synthetic
274 275 Nucleotide
275 276 SEQUENCE 20
276 277 LENGTH 41
277 278 TYPE DNA
278 279 FUSION Artificial Sequence
279 280 FEATURE
280 281 OTHER INFORMATION Description of Artificial Sequence: synthetic
281 282 Nucleotide
282 283 SEQUENCE 21
283 284 LENGTH 41
284 285 TYPE DNA
285 286 FUSION Artificial Sequence
286 287 FEATURE
287 288 OTHER INFORMATION Description of Artificial Sequence: synthetic
288 289 Nucleotide
289 290 SEQUENCE 22
290 291 LENGTH 41
291 292 TYPE DNA
292 293 FUSION Artificial Sequence
293 294 FEATURE
294 295 OTHER INFORMATION Description of Artificial Sequence: synthetic
295 296 Nucleotide
296 297 SEQUENCE 23
297 298 LENGTH 41
298 299 TYPE DNA
299 300 FUSION Artificial Sequence
300 301 FEATURE
301 302 OTHER INFORMATION Description of Artificial Sequence: synthetic
302 303 Nucleotide
303 304 SEQUENCE 24
304 305 LENGTH 41
305 306 TYPE DNA
306 307 FUSION Artificial Sequence
307 308 FEATURE
308 309 OTHER INFORMATION Description of Artificial Sequence: synthetic
309 310 Nucleotide
310 311 SEQUENCE 25
311 312 LENGTH 41
312 313 TYPE DNA
313 314 FUSION Artificial Sequence
314 315 FEATURE
315 316 OTHER INFORMATION Description of Artificial Sequence: synthetic
316 317 Nucleotide
317 318 SEQUENCE 26
318 319 LENGTH 41
319 320 TYPE DNA
320 321 FUSION Artificial Sequence
321 322 FEATURE
322 323 OTHER INFORMATION Description of Artificial Sequence: synthetic
323 324 Nucleotide
324 325 SEQUENCE 27
325 326 LENGTH 41
326 327 TYPE DNA
327 328 FUSION Artificial Sequence
328 329 FEATURE
329 330 OTHER INFORMATION Description of Artificial Sequence: synthetic
330 331 Nucleotide
331 332 SEQUENCE 28
332 333 LENGTH 41
333 334 TYPE DNA
334 335 FUSION Artificial Sequence
335 336 FEATURE
336 337 OTHER INFORMATION Description of Artificial Sequence: synthetic
337 338 Nucleotide
338 339 SEQUENCE 29
339 340 LENGTH 41
340 341 TYPE DNA
341 342 FUSION Artificial Sequence
342 343 FEATURE
343 344 OTHER INFORMATION Description of Artificial Sequence: synthetic
344 345 Nucleotide
345 346 SEQUENCE 30
346 347 LENGTH 41
347 348 TYPE DNA
348 349 FUSION Artificial Sequence
349 350 FEATURE
350 351 OTHER INFORMATION Description of Artificial Sequence: synthetic
351 352 Nucleotide
352 353 SEQUENCE 31
353 354 LENGTH 41
354 355 TYPE DNA
355 356 FUSION Artificial Sequence
356 357 FEATURE
357 358 OTHER INFORMATION Description of Artificial Sequence: synthetic
358 359 Nucleotide
359 360 SEQUENCE 32
360 361 LENGTH 41
361 362 TYPE DNA
362 363 FUSION Artificial Sequence
363 364 FEATURE
364 365 OTHER INFORMATION Description of Artificial Sequence: synthetic
365 366 Nucleotide
366 367 SEQUENCE 33
367 368 LENGTH 41
368 369 TYPE DNA
369 370 FUSION Artificial Sequence
370 371 FEATURE
371 372 OTHER INFORMATION Description of Artificial Sequence: synthetic
372 373 Nucleotide
373 374 SEQUENCE 34
374 375 LENGTH 41
375 376 TYPE DNA
376 377 FUSION Artificial Sequence
377 378 FEATURE
378 379 OTHER INFORMATION Description of Artificial Sequence: synthetic
379 380 Nucleotide
380 381 SEQUENCE 35
381 382 LENGTH 41
382 383 TYPE DNA
383 384 FUSION Artificial Sequence
384 385 FEATURE
385 386 OTHER INFORMATION Description of Artificial Sequence: synthetic
386 387 Nucleotide
387 388 SEQUENCE 36
388 389 LENGTH 41
389 390 TYPE DNA
390 391 FUSION Artificial Sequence
391 392 FEATURE
392 393 OTHER INFORMATION Description of Artificial Sequence: synthetic
393 394 Nucleotide
394 395 SEQUENCE 37
395 396 LENGTH 41
396 397 TYPE DNA
397 398 FUSION Artificial Sequence
398 399 FEATURE
399 400 OTHER INFORMATION Description of Artificial Sequence: synthetic
400 401 Nucleotide
401 402 SEQUENCE 38
402 403 LENGTH 41
403 404 TYPE DNA
404 405 FUSION Artificial Sequence
405 406 FEATURE
406 407 OTHER INFORMATION Description of Artificial Sequence: synthetic
407 408 Nucleotide
408 409 SEQUENCE 39
409 410 LENGTH 41
410 411 TYPE DNA
411 412 FUSION Artificial Sequence
412 413 FEATURE
413 414 OTHER INFORMATION Description of Artificial Sequence: synthetic
414 415 Nucleotide
415 416 SEQUENCE 40
416 417 LENGTH 41
417 418 TYPE DNA
418 419 FUSION Artificial Sequence
419 420 FEATURE
420 421 OTHER INFORMATION Description of Artificial Sequence: synthetic
421 422 Nucleotide
422 423 SEQUENCE 41
423 424 LENGTH 41
424 425 TYPE DNA
425 426 FUSION Artificial Sequence
426 427 FEATURE
427 428 OTHER INFORMATION Description of Artificial Sequence: synthetic
428 429 Nucleotide
429 430 SEQUENCE 42
430 431 LENGTH 41
431 432 TYPE DNA
432 433 FUSION Artificial Sequence
433 434 FEATURE
434 435 OTHER INFORMATION Description of Artificial Sequence: synthetic
435 436 Nucleotide
436 437 SEQUENCE 43
437 438 LENGTH 41
438 439 TYPE DNA
439 440 FUSION Artificial Sequence
440 441 FEATURE
441 442 OTHER INFORMATION Description of Artificial Sequence: synthetic
442 443 Nucleotide
443 444 SEQUENCE 44
444 445 LENGTH 41
445 446 TYPE DNA
446 447 FUSION Artificial Sequence
447 448 FEATURE
448 449 OTHER INFORMATION Description of Artificial Sequence: synthetic
449 450 Nucleotide
450 451 SEQUENCE 45
451 452 LENGTH 41
452 453 TYPE DNA
453 454 FUSION Artificial Sequence
454 455 FEATURE
455 456 OTHER INFORMATION Description of Artificial Sequence: synthetic
456 457 Nucleotide
457 458 SEQUENCE 46
458 459 LENGTH 41
459 460 TYPE DNA
460 461 FUSION Artificial Sequence
461 462 FEATURE
462 463 OTHER INFORMATION Description of Artificial Sequence: synthetic
463 464 Nucleotide
464 465 SEQUENCE 47
465 466 LENGTH 41
466 467 TYPE DNA
467 468 FUSION Artificial Sequence
468 469 FEATURE
469 470 OTHER INFORMATION Description of Artificial Sequence: synthetic
470 471 Nucleotide
471 472 SEQUENCE 48
472 473 LENGTH 41
473 474 TYPE DNA
474 475 FUSION Artificial Sequence
475 476 FEATURE
476 477 OTHER INFORMATION Description of Artificial Sequence: synthetic
477 478 Nucleotide
478 479 SEQUENCE 49
479 480 LENGTH 41
480 481 TYPE DNA
481 482 FUSION Artificial Sequence
482 483 FEATURE
483 484 OTHER INFORMATION Description of Artificial Sequence: synthetic
484 485 Nucleotide
485 486 SEQUENCE 50
486 487 LENGTH 41
487 488 TYPE DNA
488 489 FUSION Artificial Sequence
489 490 FEATURE
490 491 OTHER INFORMATION Description of Artificial Sequence: synthetic
491 492 Nucleotide
492 493 SEQUENCE 51
493 494 LENGTH 41
494 495 TYPE DNA
495 496 FUSION Artificial Sequence
496 497 FEATURE
497 498 OTHER INFORMATION Description of Artificial Sequence: synthetic
498 499 Nucleotide
499 500 SEQUENCE 52
500 501 LENGTH 41
501 502 TYPE DNA
502 503 FUSION Artificial Sequence
503 504 FEATURE
504 505 OTHER INFORMATION Description of Artificial Sequence: synthetic
505 506 Nucleotide
506 507 SEQUENCE 53
507 508 LENGTH 41
508 509 TYPE DNA
509 510 FUSION Artificial Sequence
510 511 FEATURE
511 512 OTHER INFORMATION Description of Artificial Sequence: synthetic
512 513 Nucleotide
513 514 SEQUENCE 54
514 515 LENGTH 41
515 516 TYPE DNA
516 517 FUSION Artificial Sequence
517 518 FEATURE
518 519 OTHER INFORMATION Description of Artificial Sequence: synthetic
519 520 Nucleotide
520 521 SEQUENCE 55
521 522 LENGTH 41
522 523 TYPE DNA
523 524 FUSION Artificial Sequence
524 525 FEATURE
525 526 OTHER INFORMATION Description of Artificial Sequence: synthetic
526 527 Nucleotide
527 528 SEQUENCE 56
528 529 LENGTH 41
529 530 TYPE DNA
530 531 FUSION Artificial Sequence
531 532 FEATURE
532 533 OTHER INFORMATION Description of Artificial Sequence: synthetic
533 534 Nucleotide
534 535 SEQUENCE 57
535 536 LENGTH 41
536 537 TYPE DNA
537 538 FUSION Artificial Sequence
538 539 FEATURE
539 540 OTHER INFORMATION Description of Artificial Sequence: synthetic
540 541 Nucleotide
541 542 SEQUENCE 58
542 543 LENGTH 41
543 544 TYPE DNA
544 545 FUSION Artificial Sequence
545 546 FEATURE
546 547 OTHER INFORMATION Description of Artificial Sequence: synthetic
547 548 Nucleotide
548 549 SEQUENCE 59
549 550 LENGTH 41
550 551 TYPE DNA
551 552 FUSION Artificial Sequence
552 553 FEATURE
553 554 OTHER INFORMATION Description of Artificial Sequence: synthetic
554 555 Nucleotide
555 556 SEQUENCE 60
556 557 LENGTH 41
557 558 TYPE DNA
558 559 FUSION Artificial Sequence
559 560 FEATURE
560 561 OTHER INFORMATION Description of Artificial Sequence: synthetic
561 562 Nucleotide
562 563 SEQUENCE 61
563 564 LENGTH 41
564 565 TYPE DNA
565 566 FUSION Artificial Sequence
566 567 FEATURE
567 568 OTHER INFORMATION Description of Artificial Sequence: synthetic
568 569 Nucleotide
569 570 SEQUENCE 62
570 571 LENGTH 41
571 572 TYPE DNA
572 573 FUSION Artificial Sequence
573 574 FEATURE
574 575 OTHER INFORMATION Description of Artificial Sequence: synthetic
575 576 Nucleotide
576 577 SEQUENCE 63
577 578 LENGTH 41
578 579 TYPE DNA
579 580 FUSION Artificial Sequence
580 581 FEATURE
581 582 OTHER INFORMATION Description of Artificial Sequence: synthetic
582 583 Nucleotide
583 584 SEQUENCE 64
584 585 LENGTH 41
585 586 TYPE DNA
586 587 FUSION Artificial Sequence
587 588 FEATURE
588 589 OTHER INFORMATION Description of Artificial Sequence: synthetic
589 590 Nucleotide
590 591 SEQUENCE 65
591 592 LENGTH 41
592 593 TYPE DNA
593 594 FUSION Artificial Sequence
594 595 FEATURE
595 596 OTHER INFORMATION Description of Artificial Sequence: synthetic
596 597 Nucleotide
597 598 SEQUENCE 66
598 599 LENGTH 41
599 600 TYPE DNA
600 601 FUSION Artificial Sequence
601 602 FEATURE
602 603 OTHER INFORMATION Description of Artificial Sequence: synthetic
603 604 Nucleotide
604 605 SEQUENCE 67
605 606 LENGTH 41
606 607 TYPE DNA
607 608 FUSION Artificial Sequence
608 609 FEATURE
609 610 OTHER INFORMATION Description of Artificial Sequence: synthetic
610 611 Nucleotide
611 612 SEQUENCE 68
612 613 LENGTH 41
613 614 TYPE DNA
614 615 FUSION Artificial Sequence
615 616 FEATURE
616 617 OTHER INFORMATION Description of Artificial Sequence: synthetic
617 618 Nucleotide
618 619 SEQUENCE 69
619 620 LENGTH 41
620 621 TYPE DNA
621 622 FUSION Artificial Sequence
622 623 FEATURE
623 624 OTHER INFORMATION Description of Artificial Sequence: synthetic
624 625 Nucleotide
625 626 SEQUENCE 70
626 627 LENGTH 41
627 628 TYPE DNA
628 629 FUSION Artificial Sequence
629 630 FEATURE
630 631 OTHER INFORMATION Description of Artificial Sequence: synthetic
631 632 Nucleotide
632 633 SEQUENCE 71
633 634 LENGTH 41
634 635 TYPE DNA
635 636 FUSION Artificial Sequence
636 637 FEATURE
637 638 OTHER INFORMATION Description of Artificial Sequence: synthetic
638 639 Nucleotide
639 640 SEQUENCE 72
640 641 LENGTH 41
641 642 TYPE DNA
642 643 FUSION Artificial Sequence
643 644 FEATURE
644 645 OTHER INFORMATION Description of Artificial Sequence: synthetic
645 646 Nucleotide
646 647 SEQUENCE 73
647 648 LENGTH 41
648 649 TYPE DNA
649 650 FUSION Artificial Sequence
650 651 FEATURE
651 652 OTHER INFORMATION Description of Artificial Sequence: synthetic
652 653 Nucleotide
653 654 SEQUENCE 74
654 655 LENGTH 41
655 656 TYPE DNA
656 657 FUSION Artificial Sequence
657 658 FEATURE
658 659 OTHER INFORMATION Description of Artificial Sequence: synthetic
659 660 Nucleotide
660 661 SEQUENCE 75
661 662 LENGTH 41
662 663 TYPE DNA
663 664 FUSION Artificial Sequence
664 665 FEATURE
665 666 OTHER INFORMATION Description of Artificial Sequence: synthetic
666 667 Nucleotide
667 668 SEQUENCE 76
668 669 LENGTH 41
669 670 TYPE DNA
670 671 FUSION Artificial Sequence
671 672 FEATURE
672 673 OTHER INFORMATION Description of Artificial Sequence: synthetic
673 674 Nucleotide
674 675 SEQUENCE 77
675 676 LENGTH 41
676 677 TYPE DNA
677 678 FUSION Artificial Sequence
678 679 FEATURE
679 680 OTHER INFORMATION Description of Artificial Sequence: synthetic
680 681 Nucleotide
681 682 SEQUENCE 78
682 683 LENGTH 41
683 684 TYPE DNA
684 685 FUSION Artificial Sequence
685 686 FEATURE
686 687 OTHER INFORMATION Description of Artificial Sequence: synthetic
687 688 Nucleotide
688 689 SEQUENCE 79
689 690 LENGTH 41
690 691 TYPE DNA
691 692 FUSION Artificial Sequence
692 693 FEATURE
693 694 OTHER INFORMATION Description of Artificial Sequence: synthetic
694 695 Nucleotide
695 696 SEQUENCE 80
696 697 LENGTH 41
697 698 TYPE DNA
698 699 FUSION Artificial Sequence
699 700 FEATURE
700 701 OTHER INFORMATION Description of Artificial Sequence: synthetic
701 702 Nucleotide
702 703 SEQUENCE 81
703 704 LENGTH 41
704 705 TYPE DNA
705 706 FUSION Artificial Sequence
706 707 FEATURE
707 708 OTHER INFORMATION Description of Artificial Sequence: synthetic
708 709 Nucleotide
709 710 SEQUENCE 82
710 711 LENGTH 41
711 712 TYPE DNA
712 713 FUSION Artificial Sequence
713 714 FEATURE
714 715 OTHER INFORMATION Description of Artificial Sequence: synthetic
715 716 Nucleotide
716 717 SEQUENCE 83
717 718 LENGTH 41
718 719 TYPE DNA
719 720 FUSION Artificial Sequence
720 721 FEATURE
721 722 OTHER INFORMATION Description of Artificial Sequence: synthetic
722 723 Nucleotide
723 724 SEQUENCE 84
724 725 LENGTH 41
725 726 TYPE DNA
726 727 FUSION Artificial Sequence
727 728 FEATURE
728 729 OTHER INFORMATION Description of Artificial Sequence: synthetic
729 730 Nucleotide
730 731 SEQUENCE 85
731 732 LENGTH 41
732 733 TYPE DNA
733 734 FUSION Artificial Sequence
734 735 FEATURE
735 736 OTHER INFORMATION Description of Artificial Sequence: synthetic
736 737 Nucleotide
737 738 SEQUENCE 86
738 739 LENGTH 41
739 740 TYPE DNA
740 741 FUSION Artificial Sequence
741 742 FEATURE
742 743 OTHER INFORMATION Description of Artificial Sequence: synthetic
743 744 Nucleotide
744 745 SEQUENCE 87
745 746 LENGTH 41
746 747 TYPE DNA
747 748 FUSION Artificial Sequence
748 749 FEATURE
749 750 OTHER INFORMATION Description of Artificial Sequence: synthetic
750 751 Nucleotide
751 752 SEQUENCE 88
752 753 LENGTH 41
753 754 TYPE DNA
754 755 FUSION Artificial Sequence
755 756 FEATURE
756 757 OTHER INFORMATION Description of Artificial Sequence: synthetic
757 758 Nucleotide
758 759 SEQUENCE 89
759 760 LENGTH 41
760 761 TYPE DNA
761 762 FUSION Artificial Sequence
762 763 FEATURE
763 764 OTHER INFORMATION Description of Artificial Sequence: synthetic
764 765 Nucleotide
765 766 SEQUENCE 90
766 767 LENGTH 41
767 768 TYPE DNA
768 769 FUSION Artificial Sequence
769 770 FEATURE
770 771 OTHER INFORMATION Description of Artificial Sequence: synthetic
771 772 Nucleotide
772 773 SEQUENCE 91
773 774 LENGTH 41
774 775 TYPE DNA
775 776 FUSION Artificial Sequence
776 777 FEATURE
777 778 OTHER INFORMATION Description of Artificial Sequence: synthetic
778 779 Nucleotide
779 780 SEQUENCE 92
780 781 LENGTH 41
781 782 TYPE DNA
782 783 FUSION Artificial Sequence
783 784 FEATURE
784 785 OTHER INFORMATION Description of Artificial Sequence: synthetic
785 786 Nucleotide
786 787 SEQUENCE 93
787 788 LENGTH 41
788 789 TYPE DNA
789 790 FUSION Artificial Sequence
790 791 FEATURE
791 792 OTHER INFORMATION Description of Artificial Sequence: synthetic
792 793 Nucleotide
793 794 SEQUENCE 94
794 795 LENGTH 41
795 796 TYPE DNA
796 797 FUSION Artificial Sequence
797 798 FEATURE
798 799 OTHER INFORMATION Description of Artificial Sequence: synthetic
799 800 Nucleotide
800 801 SEQUENCE 95
801 802 LENGTH 41
802 803 TYPE DNA
803 804 FUSION Artificial Sequence
804 805 FEATURE
805 806 OTHER INFORMATION Description of Artificial Sequence: synthetic
806 807 Nucleotide
807 808 SEQUENCE 96
808 809 LENGTH 41
809 810 TYPE DNA
810 811 FUSION Artificial Sequence
811 812 FEATURE
812 813 OTHER INFORMATION Description of Artificial Sequence: synthetic
813 814 Nucleotide
814 815 SEQUENCE 97
815 816 LENGTH 41
816 817 TYPE DNA
817 818 FUSION Artificial Sequence
818 819 FEATURE
819 820 OTHER INFORMATION Description of Artificial Sequence: synthetic
820 821 Nucleotide
821 822 SEQUENCE 98
822 823 LENGTH 41
823 824 TYPE DNA
824 825 FUSION Artificial Sequence
825 826 FEATURE
826 827 OTHER INFORMATION Description of Artificial Sequence: synthetic
827 828 Nucleotide
828 829 SEQUENCE 99
829 830 LENGTH 41
830 831 TYPE DNA
831 832 FUSION Artificial Sequence
832 833 FEATURE
833 834 OTHER INFORMATION Description of Artificial Sequence: synthetic
834 835 Nucleotide
835 836 SEQUENCE 100
836 837 LENGTH 41
837 838 TYPE DNA
838 839 FUSION Artificial Sequence
839 840 FEATURE
840 841 OTHER INFORMATION Description of Artificial Sequence: synthetic
841 842 Nucleotide
842 843 SEQUENCE 101
843 844 LENGTH 41
844 845 TYPE DNA
845 846 FUSION Artificial Sequence
846 847 FEATURE
847 848 OTHER INFORMATION Description of Artificial Sequence: synthetic
848 849 Nucleotide
849 850 SEQUENCE 102
850 851 LENGTH 41
851 852 TYPE DNA
852 853 FUSION Artificial Sequence
853 854 FEATURE
854 855 OTHER INFORMATION Description of Artificial Sequence: synthetic
855 856 Nucleotide
856 857 SEQUENCE 103
857 858 LENGTH 41
858 859 TYPE DNA
859 860 FUSION Artificial Sequence
860 861 FEATURE
861 862 OTHER INFORMATION Description of Artificial Sequence: synthetic
862 863 Nucleotide
863 864 SEQUENCE 104
864 865 LENGTH 41
865 866 TYPE DNA
866 867 FUSION Artificial Sequence
867 868 FEATURE
868 869 OTHER INFORMATION Description of Artificial Sequence: synthetic
869 870 Nucleotide
870 871 SEQUENCE 105
871 872 LENGTH 41
872 873 TYPE DNA
873 874 FUSION Artificial Sequence
874 875 FEATURE
875 876 OTHER INFORMATION Description of Artificial Sequence: synthetic
876 877 Nucleotide
877 878 SEQUENCE 106
878 879 LENGTH 41
879 880 TYPE DNA
880 881 FUSION Artificial Sequence
881 882 FEATURE
882 883 OTHER INFORMATION Description of Artificial Sequence: synthetic
883 884 Nucleotide
884 885 SEQUENCE 107
885 886 LENGTH 41
886 887 TYPE DNA
887 888 FUSION Artificial Sequence
888 889 FEATURE
889 890 OTHER INFORMATION Description of Artificial Sequence: synthetic
890 891 Nucleotide
891 892 SEQUENCE 108
892 893 LENGTH 41
893 894 TYPE DNA
894 895 FUSION Artificial Sequence
895 896 FEATURE
896 897 OTHER INFORMATION Description of Artificial Sequence: synthetic
897 898 Nucleotide
898 899 SEQUENCE 109
899 900 LENGTH 41
900 901 TYPE DNA
901 902 FUSION Artificial Sequence
902 903 FEATURE
903 904 OTHER INFORMATION Description of Artificial Sequence: synthetic
904 905 Nucleotide
905 906 SEQUENCE 110
906 907 LENGTH 41
907 908 TYPE DNA
908 909 FUSION Artificial Sequence
909 910 FEATURE
910 911 OTHER INFORMATION Description of Artificial Sequence: synthetic
911 912 Nucleotide
912 913 SEQUENCE 111
913 914 LENGTH 41
914 915 TYPE DNA
915 916 FUSION Artificial Sequence
916 917 FEATURE
917 918 OTHER INFORMATION Description of Artificial Sequence: synthetic
918 919 Nucleotide
919 920 SEQUENCE 112
920 921 LENGTH 41
921 922 TYPE DNA
922 923 FUSION Artificial Sequence
923 924 FEATURE
924 925 OTHER INFORMATION Description of Artificial Sequence: synthetic
925 926 Nucleotide
926 927 SEQUENCE 113
927 928 LENGTH 41
928 929 TYPE DNA
929 930 FUSION Artificial Sequence
930 931 FEATURE
931 932 OTHER INFORMATION Description of Artificial Sequence: synthetic
932 933 Nucleotide
933 934 SEQUENCE 114
934 935 LENGTH 41
935 936 TYPE DNA
936 937 FUSION Artificial Sequence
937 938 FEATURE
938 939 OTHER INFORMATION Description of Artificial Sequence: synthetic
939 940 Nucleotide
940 941 SEQUENCE 115
941 942 LENGTH 41
942 943 TYPE DNA
943 944 FUSION Artificial Sequence
944 945 FEATURE
945 946 OTHER INFORMATION Description of Artificial Sequence: synthetic
946 947 Nucleotide
947 948 SEQUENCE 116
948 949 LENGTH 41
949 950 TYPE DNA
950 951 FUSION Artificial Sequence
951 952 FEATURE
952 953 OTHER INFORMATION Description of Artificial Sequence: synthetic
953 954 Nucleotide
954 955 SEQUENCE 117
955 956 LENGTH 41
956 957 TYPE DNA
957 958 FUSION Artificial Sequence
958 959 FEATURE
959 960 OTHER INFORMATION Description of Artificial Sequence: synthetic
960 961 Nucleotide
961 962 SEQUENCE 118
962 963 LENGTH 41
963 964 TYPE DNA
964 965 FUSION Artificial Sequence
965 966 FEATURE
966 967 OTHER INFORMATION Description of Artificial Sequence: synthetic
967 968 Nucleotide
968 969 SEQUENCE 119
969 970 LENGTH 41
970 971 TYPE DNA
971 972 FUSION Artificial Sequence
972 973 FEATURE
973 974 OTHER INFORMATION Description of Artificial Sequence: synthetic
974 975 Nucleotide
975 976 SEQUENCE 120
976 977 LENGTH 41
977 978 TYPE DNA
978 979 FUSION Artificial Sequence
979 980 FEATURE
980 981 OTHER INFORMATION Description of Artificial Sequence: synthetic
981 982 Nucleotide
982 983 SEQUENCE 121
983 984 LENGTH 41
984 985 TYPE DNA
985 986 FUSION Artificial Sequence
986 987 FEATURE
987 988 OTHER INFORMATION Description of Artificial Sequence: synthetic
988 989 Nucleotide
989 990 SEQUENCE 122
990 991 LENGTH 41
991 992 TYPE DNA
992 993 FUSION Artificial Sequence
993 994 FEATURE
994 995 OTHER INFORMATION Description of Artificial Sequence: synthetic
995 996 Nucleotide
996 997 SEQUENCE 123
997 998 LENGTH 41
998 999 TYPE DNA
999 1000 FUSION Artificial Sequence
1000 1001 FEATURE
1001 1002 OTHER INFORMATION Description of Artificial Sequence: synthetic
1002 1003 Nucleotide
1003 1004 SEQUENCE 124
1004 1005 LENGTH 41
1005 1006 TYPE DNA
1006 1007 FUSION Artificial Sequence
1007 1008 FEATURE
1008 1009 OTHER INFORMATION Description of Artificial Sequence: synthetic
1009 1010 Nucleotide
1010 1011 SEQUENCE 125
1011 1012 LENGTH 41
1012 1013 TYPE DNA
1013 1014 FUSION Artificial Sequence
1014 1015 FEATURE
1015 1016 OTHER INFORMATION Description of Artificial Sequence: synthetic
1016 1017 Nucleotide
1017 1018 SEQUENCE 126
1018 1019 LENGTH 41
1019 1020 TYPE DNA
1020 1021 FUSION Artificial Sequence
1021 1022 FEATURE
1022 1023 OTHER INFORMATION Description of Artificial Sequence: synthetic
1023 1024 Nucleotide
1024 1025 SEQUENCE 127
1025 1026 LENGTH 41
1026 1027 TYPE DNA
1027 1028 FUSION Artificial Sequence
1028 1029 FEATURE
1029 1030 OTHER INFORMATION Description of Artificial Sequence: synthetic
1030 1031 Nucleotide
1031 1032 SEQUENCE 128
1032 1033 LENGTH 41
1033 1034 TYPE DNA
1034 1035 FUSION Artificial Sequence
1035 1036 FEATURE
1036 1037 OTHER INFORMATION Description of Artificial Sequence: synthetic
1037 1038 Nucleotide
1038 1039 SEQUENCE 129
1039 1040 LENGTH 41
1040 1041 TYPE DNA
1041 1042 FUSION Artificial Sequence
1042 1043 FEATURE
1043 1044 OTHER INFORMATION Description of Artificial Sequence: synthetic
1044 1045 Nucleotide
1045 1046 SEQUENCE 130
1046 1047 LENGTH 41
1047 1048 TYPE DNA
1048 1049 FUSION Artificial Sequence
1049 1050 FEATURE
1050 1051 OTHER INFORMATION Description of Artificial Sequence: synthetic
1051 1052 Nucleotide
1052 1053 SEQUENCE 131
1053 1054 LENGTH 41
1054 1055 TYPE DNA
1055 1056 FUSION Artificial Sequence
1056 1057 FEATURE
1057 1058 OTHER INFORMATION Description of Artificial Sequence: synthetic
1058 1059 Nucleotide
1059 1060 SEQUENCE 132
1060 1061 LENGTH 41
1061 1062 TYPE DNA
1062 106

Please Note:-

Please Note: Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

CLIENT NAME: US, 09,435,257

File #1: AIN385.a.app

File #2: N:\XCRE3\09262000\1435257.raw

1. All data in Client file is present in the raw file.
2. All data in Client file is missing from the raw file.
3. All data in Client file is present in the raw file.
4. All data in Client file is missing from the raw file.
5. All data in Client file is present in the raw file.
6. All data in Client file is missing from the raw file.
7. All data in Client file is present in the raw file.
8. All data in Client file is missing from the raw file.
9. All data in Client file is present in the raw file.
10. All data in Client file is missing from the raw file.